

### **Abstract of the Disclosure**

For producing an aerosol, consisting of a gaseous component, especially air, such as sterile air, and a liquid component, especially a sterilizing agent such as peroxide, an apparatus is provided with an atomizing container (1), in which the liquid component is atomized continuously and mixed with the current of gas, passing through the atomizing container (1). For this purpose, an atomizing nozzle (8) for the liquid component of the aerosol is disposed centrally in the lower region of the atomizing container (1) and means (2; 23) for forming an upwardly directed, bundled current of gas, which flows coaxially over the atomizing nozzle (8), are disposed in front of the atomizing nozzle (8).